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assembly to detect the one or more pre-defined motions based at least in part on the one or more second pre-defined parameters associated with the second touch sensor of the second pre-fabricated sensor assembly.

13. The computer-implemented method of claim 11, wherein:

configuring the removable electronics device to detect the one or more pre-defined motions based at least in part on the one or more first pre-defined parameters comprises configuring one or more machine-learned models to detect the one or more pre-defined motions based at least in part on the one or more first pre-defined parameters; and

configuring the removable electronics device to detect the one or more pre-defined motions based at least in part on the one or more second pre-defined parameters comprises configuring the one or more machine-learned models to detect the one or more pre-defined motions based at least in part on the one or more second pre-defined parameters.

14. The computer-implemented method of claim 13, wherein:

configuring the one or more machine-learned models to detect the one or more pre-defined motions based at least in part on the one or more first pre-defined parameters comprises configuring the one or more machine-learned models to detect the one or more pre-defined motions using a first set of weights associated with the first pre-fabricated sensor assembly; and configuring the one or more machine-learned models to detect the one or more pre-defined motions based at least in part on the one or more second pre-defined parameters comprises configuring the one or more machine-learned models to detect the one or more pre-defined motions using a second set of weights associated with the second pre-fabricated sensor assembly.

15. The computer-implemented method of claim 11, wherein:

configuring the removable electronics device to detect the one or more pre-defined motions based at least in part on the one or more first pre-defined parameters comprises obtaining one or more first machine-learned models to detect the one or more pre-defined motions; and

configuring the removable electronics device to detect the one or more pre-defined motions based at least in part on the one or more second pre-defined parameters comprises obtaining one or more second machine-learned models to detect the one or more pre-defined motions.

16. The computer-implemented method of claim 11, wherein:

the first sensor layout includes at least one of a first number of sensing elements, a first spacing between sensing elements, or a first sensing material; and the second sensor layout includes at least one of a second number of sensing elements, a second spacing between sensing elements, or a second sensing material.

17. One or more non-transitory computer-readable media that store instructions that, when executed by one or more processors, cause the one or more processors to perform operations, the operations comprising:

detecting, by one or more processors of a removable electronics device, that the removable electronics device is physically coupled to a first pre-fabricated

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sensor assembly comprising a first touch sensor having a first set of sensing elements, the first set of sensing elements having a first sensor layout;

obtaining, by the one or more processors and in response to detecting that the removable electronics device is physically coupled to the first pre-fabricated sensor assembly, one or more first pre-defined parameters associated with the first touch sensor of the first pre-fabricated sensor assembly;

configuring, by the one or more processors, the removable electronics device to detect one or more pre-defined motions using the one or more first pre-defined parameters in response to touch data associated with the first pre-fabricated sensory assembly;

detecting, by the one or more processors, that the removable electronics device is physically coupled to a second pre-fabricated sensor assembly comprising a second touch sensor having a second set of sensing elements, the second set of sensing elements having a second sensor layout that is different from the first sensor layout;

obtaining, by the one or more processors and in response to detecting that the removable electronics device is physically coupled to the second pre-fabricated sensor assembly, one or more second pre-defined parameters associated with the second touch sensor of the second pre-fabricated sensor assembly; and

configuring, by the one or more processors, the removable electronics device to detect the one or more pre-defined motions using the one or more second pre-defined parameters in response to touch data associated with the second pre-fabricated sensor assembly.

18. The one or more non-transitory computer-readable media of claim 17, wherein:

configuring the removable electronics device to detect the one or more pre-defined motions using the one or more first pre-defined parameters comprises configuring one or more machine-learned models to detect the one or more pre-defined motions based at least in part on the one or more first pre-defined parameters; and

configuring the removable electronics device to detect the one or more pre-defined motions using the one or more second pre-defined parameters comprises configuring one or more machine-learned models to detect the one or more pre-defined motions based at least in part on the one or more second pre-defined parameters.

19. The one or more non-transitory computer-readable media of claim 18, wherein:

configuring the one or more machine-learned models to detect the one or more pre-defined motions based at least in part on the one or more first pre-defined parameters comprises configuring the one or more machine-learned models to detect the one or more pre-defined motions using a first set of weights associated with the first pre-fabricated sensor assembly; and configuring the one or more machine-learned models to detect the one or more pre-defined motions based at least in part on the one or more second pre-defined parameters comprises configuring the one or more machine-learned models to detect the one or more pre-defined motions using a second set of weights associated with the second pre-fabricated sensor assembly.

20. The one or more non-transitory computer-readable media of claim 17, wherein:

configuring the removable electronics device to detect the one or more pre-defined motions based at least in part